

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E82669

**Participation :** CTR

**Employer :** US Army Corp of Engineers

**Status :** Affected

**Worksite :** US Army Corp of Engineers

**Survey Type :** Online

**Street :** 4735 East Marginal Way S

**Response Rate :** 51%

**Jurisdiction :** City of Seattle

**Survey Date :** 11/9/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 43.2%

**Drive Alone Rate :** 56.8%

**One-Way VMT per employee :** 13.2

**Average One-Way distance home to work :** 20.6

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 425

**Surveys Distributed :** 350

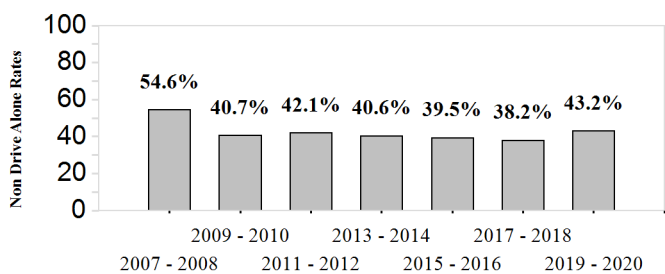
**Surveys Returned :** 179

**Surveys Returned by CTR Affected\* Employees :** 171

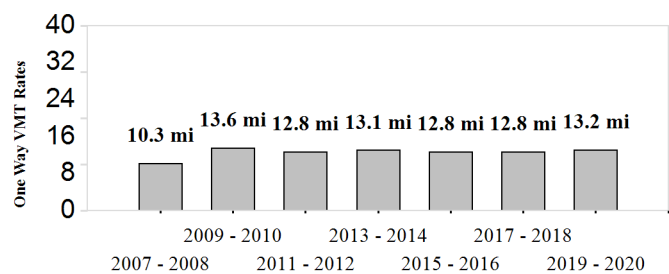
**Total Estimated CTR Affected Employees at Worksite :** 334

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

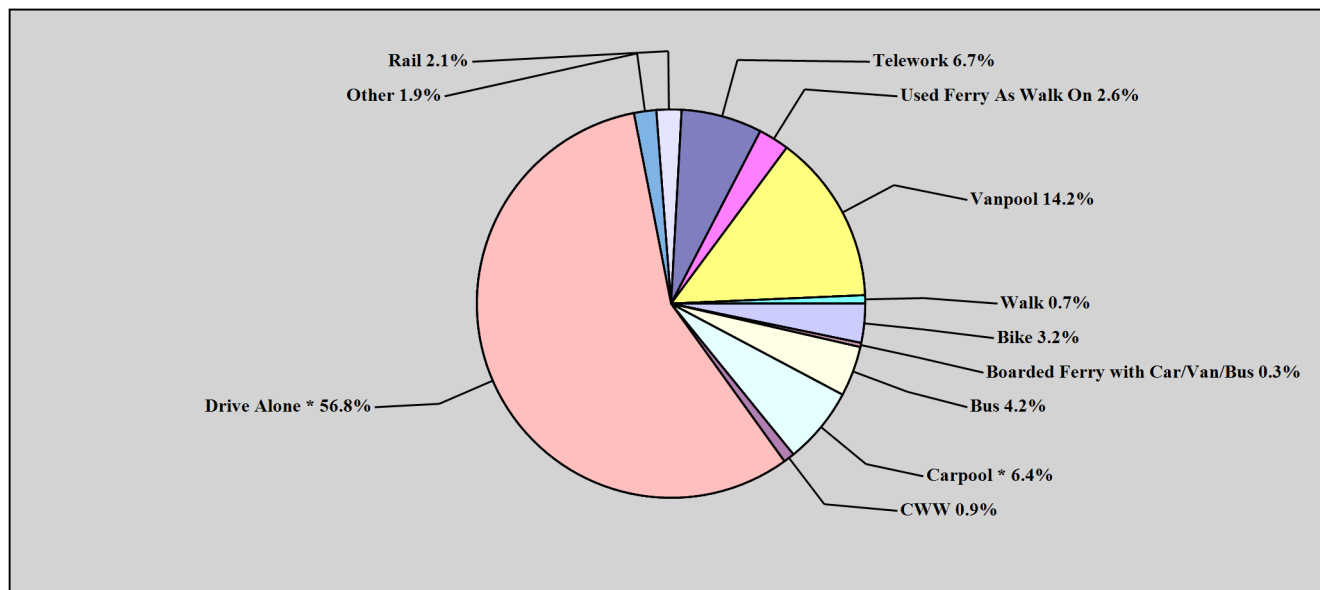
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	54.6%	54.3%	301	929	19.3	10.3	10.3
2009 - 2010	40.7%	41.7%	782	1632	33.9	13.6	13.6
2011 - 2012	42.1%	42.8%	1056	2122	44.0	12.8	12.7
2013 - 2014	40.6%	40.9%	1251	1757	36.5	13.1	13.1
2015 - 2016	39.5%	39.4%	804	1068	22.2	12.8	12.7
2017 - 2018	38.2%	38.0%	664	1247	25.9	12.8	13.0
2019 - 2020	43.2%	43.3%	506	1201	24.9	13.2	13.3
Target	37.0%				Target:	N/A	
% Point Change Target:	-17.6				% Change Target:	N/A	
% Point Change from Baseline:	-11.4				% Change from Baseline:	28.2%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



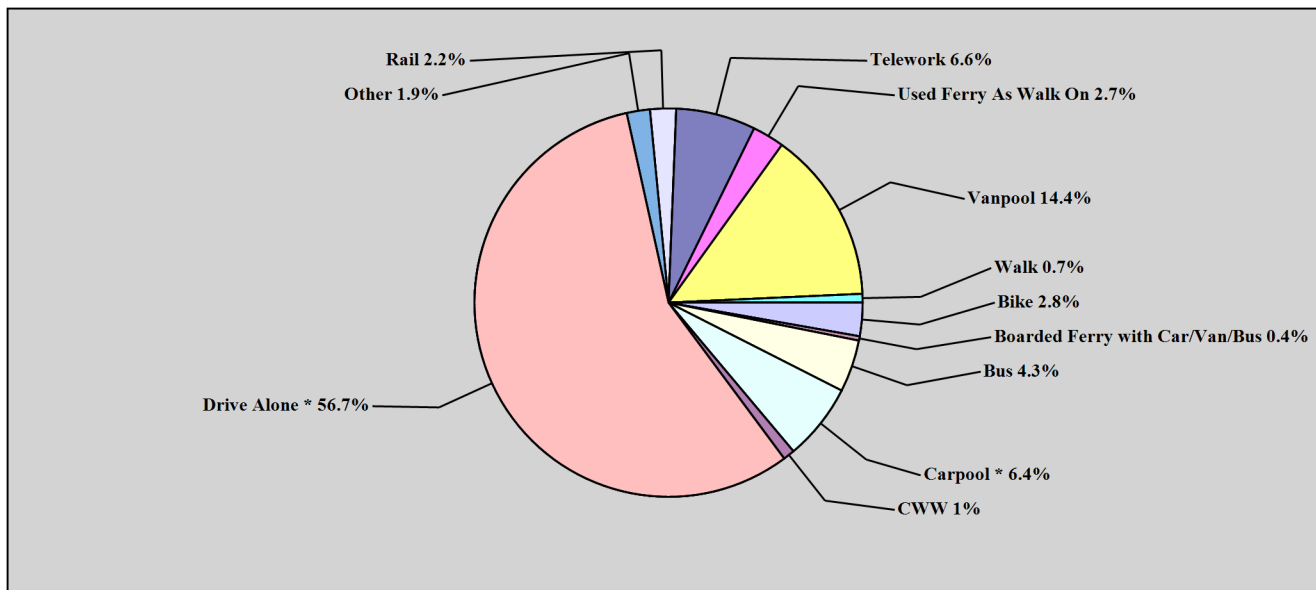
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	490	56.8%	61.8%	124	69.3%	71.4%
Carpool *	55	6.4%	6.0%	17	9.5%	9.0%
Vanpool	122	14.2%	14.2%	31	17.3%	15.9%
Bus	36	4.2%	5.5%	10	5.6%	7.3%
Rail	18	2.1%	2.0%	5	2.8%	2.4%
Bike	28	3.2%	3.5%	9	5.0%	5.3%
Walk	6	0.7%	0.0%	2	1.1%	0.0%
Telework	58	6.7%	4.0%	37	20.7%	13.9%
CWW	8	0.9%	0.3%	4	2.2%	1.2%
Boarded Ferry with Car/Van/Bus	3	0.3%	0.5%	2	1.1%	1.2%
Used Ferry As Walk On	22	2.6%	0.4%	5	2.8%	0.4%
Other	16	1.9%	1.9%	6	3.4%	2.9%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	470	56.7%	62.0%	119	69.6%	71.8%
Carpool *	53	6.4%	6.0%	16	9.4%	9.0%
Vanpool	119	14.4%	14.5%	30	17.5%	16.2%
Bus	36	4.3%	5.4%	10	5.8%	7.3%
Rail	18	2.2%	2.0%	5	2.9%	2.6%
Bike	23	2.8%	3.1%	8	4.7%	4.7%
Walk	6	0.7%	0.0%	2	1.2%	0.0%
Telework	55	6.6%	3.7%	34	19.9%	12.8%
CWW	8	1.0%	0.2%	4	2.3%	0.9%
Boarded Ferry with Car/Van/Bus	3	0.4%	0.5%	2	1.2%	1.3%
Used Ferry As Walk On	22	2.7%	0.4%	5	2.9%	0.4%
Other	16	1.9%	2.0%	6	3.5%	3.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	76	42%	179	100%
<b>1 Days</b>	19	11%	103	58%
<b>2 Days</b>	10	6%	84	47%
<b>3 Days</b>	14	8%	74	41%
<b>4 Days</b>	13	7%	60	34%
<b>5 Days</b>	43	24%	47	26%
<b>6 or More Days</b>	4	2%	4	2%

**Count by Occupancy of Carpools and Vanpools**

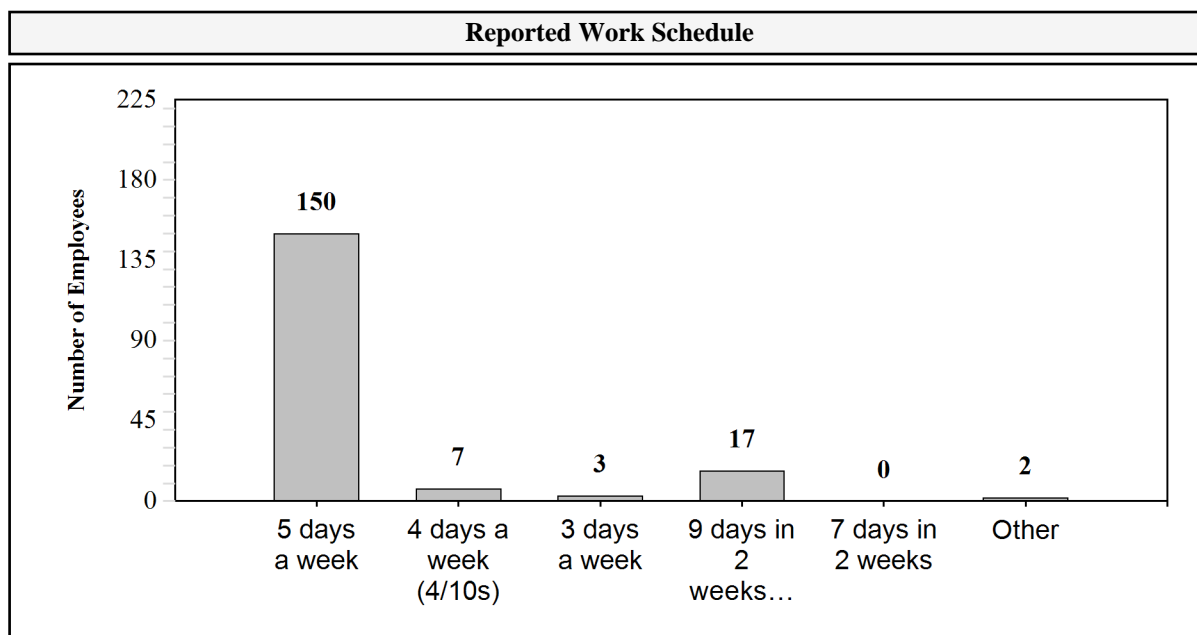
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	49
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	1
<b>&gt;5</b>	Carpool	5
<b>&lt;5</b>	Vanpool	53
<b>5</b>	Vanpool	21
<b>6</b>	Vanpool	31
<b>7</b>	Vanpool	13
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	4
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

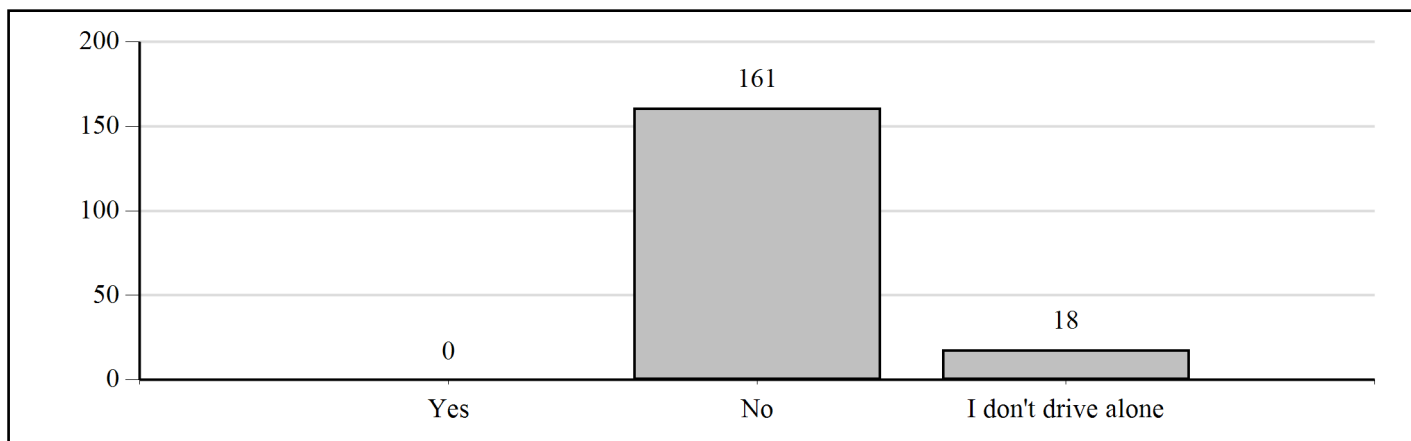
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	150	83.8%
4 days a week (4/10s)	7	3.9%
3 days a week	3	1.7%
9 days in 2 weeks (9/80)	17	9.5%
7 days in 2 weeks	0	0%
Other	2	1.1%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.6%
I don't telework	35	19.6%
Occasionally, on an as-needed basis	92	51.4%
1-2 days/month	17	9.5%
1 day/week	24	13.4%
2 days/week	7	3.9%
3 days/week	3	1.7%

## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I have the option of teleworking	63	15.1%
Free or subsidized bus, train, vanpool pass or fare benefit	60	14.4%
To save money	60	14.4%
Environmental and community benefits	55	13.2%
Personal health or well-being	49	11.7%
To save time using the HOV lane	41	9.8%
Other	34	8.1%
Financial incentives for carpooling, bicycling or walking.	24	5.7%
Driving myself is not an option	13	3.1%
Cost of parking or lack of parking	6	1.4%
Emergency ride home is provided	6	1.4%
Preferred/reserved carpool/vanpool parking is provided	6	1.4%
I receive a financial incentive for giving up my parking space	1	0.2%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	124	29.0%
I like the convenience of having my car	92	21.5%
Family care or similar obligations	68	15.9%
Other	52	12.2%
Bicycling or walking isn't safe	41	9.6%
My commute distance is too short	28	6.6%
I need more information on alternative modes	11	2.6%
My job requires me to use my car for work	10	2.3%
There isn't any secure or covered bicycle parking	1	0.2%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98116	7	3.91%	31	0	0	0	0	0	0	0	2	1	0	0	0
98117	7	3.91%	22	0	0	0	5	0	1	0	2	0	0	0	0
98146	6	3.35%	27	0	0	0	0	0	0	0	1	0	0	0	1
98059	5	2.79%	22	0	0	0	0	0	0	0	3	0	0	0	0
98125	5	2.79%	14	0	3	0	4	0	0	0	3	0	0	0	0
98126	5	2.79%	18	3	0	0	1	0	0	1	0	0	0	0	0
98166	5	2.79%	16	2	0	0	4	0	0	0	0	0	2	0	0
98198	5	2.79%	19	0	0	0	5	0	0	0	0	0	0	0	0
98199	5	2.79%	20	6	0	0	0	0	0	0	0	0	0	0	0
98031	4	2.23%	15	3	0	0	0	0	0	0	1	0	0	0	0
98038	4	2.23%	18	0	0	0	0	0	0	0	1	0	0	0	0
98119	4	2.23%	13	5	0	0	0	0	2	0	0	0	0	0	0
98023	3	1.68%	3	6	5	0	0	0	0	0	1	0	0	0	0
98106	3	1.68%	10	2	0	0	3	0	0	0	0	0	0	0	0
98107	3	1.68%	5	0	0	0	4	0	6	0	0	0	0	0	0
98108	3	1.68%	12	0	0	0	0	0	0	0	2	0	0	0	0
98168	3	1.68%	13	0	0	0	0	0	0	0	0	0	0	0	0
98366	3	1.68%	3	0	6	5	0	0	0	0	0	0	0	0	0
98022	2	1.12%	2	4	0	0	0	0	0	0	2	0	0	0	0
98032	2	1.12%	8	0	0	0	0	0	0	0	1	0	0	0	0
98036	2	1.12%	2	0	8	0	0	0	0	0	0	0	0	0	0
98037	2	1.12%	0	0	8	0	2	0	0	0	0	0	0	0	0
98058	2	1.12%	9	0	0	0	0	0	0	0	1	0	0	0	0
98087	2	1.12%	5	0	3	0	0	0	0	0	1	0	0	0	0
98092	2	1.12%	0	0	3	0	0	1	0	0	6	0	0	0	0
98102	2	1.12%	0	5	0	2	0	0	3	0	0	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	2	1.12%	5	0	0	0	5	0	0	0	0	0	0	0	0
98105	2	1.12%	5	3	0	0	0	0	0	0	0	0	0	0	0
98115	2	1.12%	9	0	0	0	0	0	0	0	1	0	0	0	0
98133	2	1.12%	6	0	0	0	0	0	0	0	0	5	0	0	0
98155	2	1.12%	2	0	5	0	0	0	0	0	1	0	0	0	0
98178	2	1.12%	9	0	0	0	0	0	0	0	0	0	0	0	0
98188	2	1.12%	9	0	0	0	0	0	0	0	1	0	0	0	0
98223	2	1.12%	0	5	5	0	0	0	0	0	0	0	0	0	0
98310	2	1.12%	0	0	0	0	0	0	0	0	0	0	1	4	5
98346	2	1.12%	0	0	0	0	0	0	0	0	1	0	0	9	0
98367	2	1.12%	1	0	7	0	0	0	0	0	2	0	0	0	1
98387	2	1.12%	5	0	0	0	0	4	0	0	0	0	0	0	0
98391	2	1.12%	5	0	0	0	0	5	0	0	0	0	0	0	0
98405	2	1.12%	1	0	3	0	0	5	0	0	0	0	0	0	0
98424	2	1.12%	2	3	4	0	0	0	0	0	1	0	0	0	0
98003	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98006	1	0.56%	0	0	0	0	0	0	5	0	0	0	0	0	0
98007	1	0.56%	4	0	0	0	0	0	0	0	1	0	0	0	0
98010	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.56%	0	0	5	0	0	0	0	0	0	0	0	0	0
98019	1	0.56%	2	0	3	0	0	0	0	0	0	0	0	0	0
98020	1	0.56%	0	0	0	0	0	0	0	5	0	0	0	0	0
98024	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.56%	0	0	0	5	0	0	0	0	0	0	0	0	0
98028	1	0.56%	0	0	4	0	0	0	0	0	0	0	0	0	0
98040	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98043	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.56%	4	0	0	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98055	1	0.56%	3	0	0	0	0	0	0	0	2	0	0	0	0
98070	1	0.56%	0	0	0	0	0	0	2	0	0	0	0	0	2
98072	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.56%	0	0	0	0	0	0	6	0	0	0	0	0	0
98112	1	0.56%	0	0	0	0	3	0	0	0	0	0	0	0	0
98122	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98134	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.56%	2	0	0	0	0	0	3	0	0	0	0	0	0
98148	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98177	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.56%	0	0	5	0	0	0	0	0	0	0	0	0	0
98204	1	0.56%	4	0	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.56%	0	0	0	0	0	0	0	0	5	0	0	0	0
98234	1	0.56%	0	0	5	0	0	0	0	0	0	0	0	0	0
98249	1	0.56%	3	0	0	0	0	0	0	0	0	0	0	0	0
98312	1	0.56%	0	0	0	0	0	0	0	0	0	0	0	5	0
98321	1	0.56%	0	0	0	0	0	3	0	0	2	0	0	0	0
98327	1	0.56%	1	0	4	0	0	0	0	0	0	0	0	0	0
98340	1	0.56%	0	0	5	0	0	0	0	0	0	0	0	0	0
98359	1	0.56%	0	0	0	0	0	0	0	0	0	0	0	0	5
98360	1	0.56%	0	0	6	0	0	0	0	0	0	0	0	0	0
98370	1	0.56%	0	0	0	0	0	0	0	0	0	0	0	4	0
98372	1	0.56%	1	0	4	0	0	0	0	0	0	0	0	0	0
98403	1	0.56%	0	0	4	0	0	0	0	0	1	0	0	0	0
98422	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.56%	0	0	0	0	0	0	0	0	5	0	0	0	0
98503	1	0.56%	1	0	4	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98506	1	0.56%	0	0	1	0	0	0	0	0	4	0	0	0	0
98512	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	2
98513	1	0.56%	0	0	5	0	0	0	0	0	0	0	0	0	0
98516	1	0.56%	5	0	0	0	0	0	0	0	0	0	0	0	0
98528	1	0.56%	3	0	0	0	0	0	0	0	1	1	0	0	0
98532	1	0.56%	2	3	0	0	0	0	0	0	0	0	0	0	0
98576	1	0.56%	4	0	0	0	0	0	0	0	0	1	0	0	0
98579	1	0.56%	0	1	2	0	0	0	0	0	2	0	0	0	0
98597	1	0.56%	0	0	5	0	0	0	0	0	0	0	0	0	0
98831	1	0.56%	0	4	0	0	0	0	0	0	0	0	0	0	0